

General

Title

Internet: does the hospital have continuous availability of online access to electronic sources of scientific information?

Source(s)

Quality indicators in critically ill patients. Madrid (Spain): Spanish Society of Intensive and Critical Care and Units Coronary (SEMICYUC); 2011. 185 p.

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Structure

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess whether the hospital has continuous availability of online access to electronic sources of scientific information.

Rationale

The aim of intensive care medicine is to provide critical patients with the healthcare that they need, ensuring the quality and safety of care. Intensive care medicine is one of the principal components of modern healthcare systems. There is an increasing demand for this resource, which involves high costs.

The quality of care has gradually come to be the central focus of healthcare, and in recent years patient safety has come to represent one of the key aspects of quality. In the case of intensive care medicine, this interest in quality is even more evident, not only because of its social and economic impact, but also because some of the dimensions involved in the quality of care of critical patients take on greater importance: critical patients are more vulnerable, access to critical care is more limited so efforts to

distribute resources equitably are more important, scant scientific evidence is available, and the efficiency is limited.

A large part of the fundamental medical information is concentrated in a relatively small number of databases. Online access to these electronic sources of information helps achieve more efficient use of the time dedicated to searching for scientific information and improves the quality of the data obtained, promoting decision making based on up-to-date scientific evidence. Likewise, this resource facilitates interaction with other colleagues and hospitals, giving access to important clinical information about patients.

The variability in clinical practice, the complexity of intensive care unit (ICU) decisions, and the availability of information technology (IT) systems are enough to justify this indicator.

Evidence for Rationale

Quality indicators in critically ill patients. Madrid (Spain): Spanish Society of Intensive and Critical Care and Units Coronary (SEMICYUC); 2011. 185 p.

Primary Health Components

Internet; online access; electronic medical sources

Denominator Description

This measure applies to hospitals (one hospital at a time).

Numerator Description

Continuous availability of online access (24 hours) to electronic sources of scientific information (see the related "Numerator Inclusions/Exclusions" field)

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A formal consensus procedure, involving experts in relevant clinical, methodological, public health and organizational sciences

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

Unspecified

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Hospital Inpatient

Intensive Care Units

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Single Health Care Delivery or Public Health Organizations

Statement of Acceptable Minimum Sample Size

Does not apply to this measure

Target Population Age

Does not apply to this measure

Target Population Gender

Does not apply to this measure

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Not within an IOM Care Need

IOM Domain

Not within an IOM Domain

Data Collection for the Measure

Case Finding Period

Unspecified

Denominator Sampling Frame

Health care or public health organization

Denominator (Index) Event or Characteristic

Does not apply to this measure

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

This measure applies to hospitals (one hospital at a time).

Exclusions

Unspecified

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

Continuous availability of online access (24 hours) to electronic sources of scientific information, regardless of the route or ownership

Exclusions
Unspecified

Numerator Search Strategy

Fixed time period or point in time

Data Source

Other

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Dichotomous

Interpretation of Score

Desired value is presence of a characteristic

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Prescriptive Standard

Standard: 100% (Yes)

Evidence for Prescriptive Standard

Identifying Information

Original Title

Access to fundamental medical sources in electronic format.

Measure Collection Name

Quality Indicators in Critically Ill Patients

Measure Set Name

Internet

Submitter

Spanish Society of Intensive and Critical Care and Units Coronary - Clinical Specialty Collaboration

Developer

Spanish Society of Intensive and Critical Care and Units Coronary - Clinical Specialty Collaboration

Funding Source(s)

Boehringer Laboratories

Composition of the Group that Developed the Measure

Work Group on Internet

Ana de Pablo Hermida

Scientific Coordination:

Maria Cruz Martín Delgado

Jesús Blanco Varela

Lluís Cabré Pericas

Pedro Galdos Anuncibay

Federico Gordo Vidal

Financial Disclosures/Other Potential Conflicts of Interest

Unspecified

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2011 Mar

Measure Maintenance

Unspecified

Date of Next Anticipated Revision

2016 Jul

Measure Status

This is the current release of the measure.

The measure developer reaffirmed the currency of this measure in July 2015.

Measure Availability

Source available in [English](#) and [Spanish](#) from the Spanish Society of Intensive and Critical Care and Units Coronary (SEMICYUC) Web site.

For more information, contact SEMICYUC at Paseo de la Reina Cristina, 36, 4º D, Madrid, Spain; Phone: +34-91-502-12-13; Fax: +34-91-502-12-14; Web site: www.semicyuc.org ; E-mail: secretaria@semicyuc.org.

NQMC Status

This NQMC summary was completed by ECRI Institute on April 3, 2014. The information was verified by the measure developer on April 25, 2014.

The information was reaffirmed by the measure developer on July 2, 2015.

Copyright Statement

This NQMC summary is based on the original measure, which is subject to the measure developer's copyright restrictions.

The Quality Indicators in Critically Ill Patients update 2011 can be used by any private or public body only for the purposes of research, clinical management, teaching and education, and will not be used for any other purpose. In all cases, full credit to the Spanish Society of Intensive Care Medicine (SEMICYUC) will be granted. The commercial use of the Quality Indicators in Critically Ill Patients update 2011 is explicitly forbidden.

Production

Source(s)

Quality indicators in critically ill patients. Madrid (Spain): Spanish Society of Intensive and Critical Care and Units Coronary (SEMICYUC); 2011. 185 p.

Disclaimer

NQMC Disclaimer

The National Quality Measures Clearinghouse (NQMC) does not develop, produce, approve, or endorse the measures represented on this site.

All measures summarized by NQMC and hosted on our site are produced under the auspices of medical specialty societies, relevant professional associations, public and private organizations, other government agencies, health care organizations or plans, individuals, and similar entities.

Measures represented on the NQMC Web site are submitted by measure developers, and are screened solely to determine that they meet the [NQMC Inclusion Criteria](#).

NQMC, AHRQ, and its contractor ECRI Institute make no warranties concerning the content or its reliability and/or validity of the quality measures and related materials represented on this site. Moreover, the views and opinions of developers or authors of measures represented on this site do not necessarily state or reflect those of NQMC, AHRQ, or its contractor, ECRI Institute, and inclusion or hosting of measures in NQMC may not be used for advertising or commercial endorsement purposes.

Readers with questions regarding measure content are directed to contact the measure developer.